

2. Jacket thermo elements NiCr-Ni (type K) complete with cable sleeve and 1m silicone cable (compensation line), loose wire ends

Specification:

Jacket material: Inconel 600, flexible - other materials upon request and against upcharge

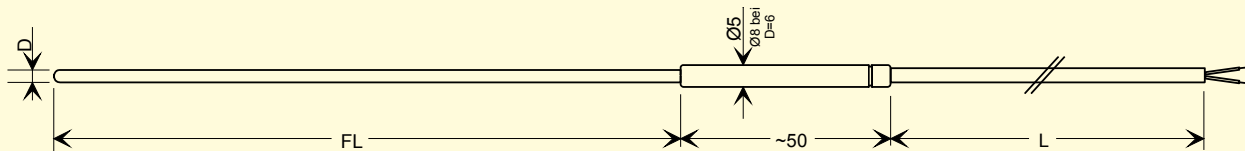
Insulation: highly compressed pure MgO

Thermo wires: NiCr-Ni, DIN IEC 584, welding insulated (volt-free)

Accuracy: optimum accuracy (Cl. 1) = $\pm 1.5^{\circ}\text{C}$ or $\pm 0,4\%$ of measuring value
(Almost double accuracy as compared to class 2. As a comparison with class 2: $\pm 2,5^{\circ}\text{C}$ or $\pm 0.75\%$ of meas. value)

Connecting cable: silicone compensation line, 1m long (max. 200°C), loose ends. (Longer line or other material against upcharge)

Temperature application range: $-220 \dots +1150^{\circ}\text{C}$ (Probe tip and front part; wire outlet: max. 200°C , for cable p.r.t. accessories)
(Accuracy class 1 applicable from $-40 \dots +1000^{\circ}\text{C}$)



L = 1m, for other cable length or other accessories p.r.t. accessories

Advantages:

- Mechanically sound
- Can be subjected to high temperatures and pressures
- Resistant to aggressive atmospheres
- Minimum dimensions, therefore short response times
- Flexible (the smaller the diameter the smaller the bending radii)
- Optimum accuracy acc. to DIN IEC584 class 1
- Potential-free (thermo element wires have no connection to the outer jacket)



Accessories: (against upcharge)

- Additional clamping screw-type connection for $\varnothing 1.5, 3.0$ and 6.0 (stainless steel). Design with st. steel clamping piece (for high temperatures) or with Teflon clamping piece (up to $+250^{\circ}\text{C}$ - can be removed). Various thread diameters available (p.r.t. page 95)
- Extended or other cable (please specify upon order): silicone cable (up to 200°C) or glass silk cable (up to 400°C).
- Internal flat-pin plug (NST1200)

Type	\varnothing mm	FL mm	Price	Type	\varnothing mm	FL mm	Price
GTF101-5/05150	0,5	130		GTF101-5/30150	3,0	130	
GTF101-5/05250		230		GTF101-5/30250		230	
GTF101-5/05500		480		GTF101-5/30500		480	
GTF101-5/051000		1000		GTF101-5/301000		1000	
GTF101-5/051500		1500		GTF101-5/301500		1500	
GTF101-5/10150	1,0	130		GTF101-5/60150	6,0	130	
GTF101-5/10250		230		GTF101-5/60250		230	
GTF101-5/10500		480		GTF101-5/60500		480	
GTF101-5/101000		1000		GTF101-5/601000		1000	
GTF101-5/101500		1500		GTF101-5/601500		1500	
GTF101-5/15150	1,5	130		Accessories: Clamping screw conn. $\varnothing 1.5, 3.0$ or 6.0 as of Silicone cable (up to 200°C) per m Glass silk cable (up to 400°C) per m Internal flat-pin plug (NST1200) Other accessories see pages 90, 92 and 93.			
GTF101-5/15250		230					
GTF101-5/15500		480					
GTF101-5/151000		1000					
GTF101-5/151500		1500					

Accuracy class 1 for all thermo elements (almost double accuracy than class 2!)